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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: SCHADEWALD, JR. ET AL. Examiner: UNKNOWN  
Serial No.: 10/021,956 Group Art Unit: 2652  
Filed: DECEMBER 17, 2001 Docket: STL 10019.00 (30874.113USU1)  
Confirmation No.: 1979  
Title: DISC DRIVE SHUNTING DEVICE

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By:   
KRISTINE A. WACH

Commissioner for Patents  
Washington, D.C. 20231

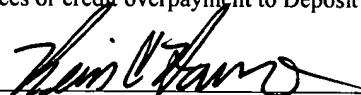
Sir:

We are transmitting herewith the attached:

- ☒ Transmittal Sheet in duplicate containing Certificate of Mailing
- ☒ Signed Power of Attorney by Assignee of Entire Interest (Revocation of Prior Powers) and copy of Assignment
- ☒ Return postcard

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MERCHANT & GOULD P.C.  
P.O. Box 2903, Minneapolis, MN 55402-0903  
612.332.5300

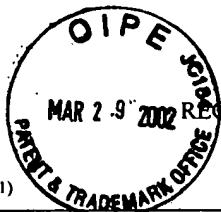
By:   
Name: Kevin C. Harrison  
Reg. No.: 46,759  
KHarrison:PSTkaw



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(PTO TRANSMITTAL - GENERAL)

FORM PTO-1595  
(Rev. 6-93)  
OMB No. 0651-0011 (exp. 4/94)  
M&G-STL 10019.00 (30874.113USU1)

RECORDATION FORM COVER SHEET  
PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

To the Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Frank William Schadewald, Jr.  
Arnold Warren Johansen

2. Name and address of receiving party(ies):

Seagate Technology LLC  
920 Disc Drive  
Scotts Valley, California 95067

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other:

Execution Date: December 14, 2001

4. Application number(s) or patent number(s):

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If this document is being filed together with a new application, the execution date of the application is: APR 02 2002

A. Patent Application No.(s)

10/021,956

B. Patent No.(s)

Technology Center 2600

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Kevin C. Harrison  
Address: Merchant & Gould P.C.  
P.O. Box 2903  
Minneapolis, MN 55402-0903



6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$40.00

- ☒ Enclosed  
☐ Authorized to be charged to deposit account

8. Please charge any additional fees or credit any overpayments to our Deposit account number: 13-2725

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9. Statement and signature:

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Kevin C. Harrison

Name of Person Signing

Signature

March 20, 2002

Date

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### ASSIGNMENT

WHEREAS, we, Frank William Schadewald, Jr., residing at 8645 Zenith Rd., Bloomington, MN 55431; and Arnold Warren Johansen residing at 226 Stow Road, Marlboro, MA 01752, are the inventors of an invention entitled DISC DRIVE SHUNTING DEVICE that is the subject matter of an application for Letters Patent, the application having been executed on even date herewith, and/or being identifiable in the United States Patent and Trademark Office by Serial No. 10/021,956, filed December 17, 2001; and

WHEREAS, Seagate Technology LLC, a limited liability company organized and existing under and by virtue of the laws of the State of Delaware and the United States of America, and having offices at 920 Disc Drive, Scotts Valley, California 95067 (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to the invention, the applications, and any and all Letters Patent or similar foreign or domestic legal protection;

NOW THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, we transfer to Assignee, its successors and assigns, our entire right, title and interest in and to the invention, the above-identified applications, all provisional applications from which any of the above-identified applications claim priority, corresponding domestic and foreign applications, any continuation, division, renewal, or substitute for the applications, all Letters Patent, any reissue, re-examination, or similar legal protection issuing related to the Letters Patent, and all rights and benefits under any applicable treaty or convention; and we authorize the Director of the United States Patent and Trademark Office or foreign equivalent to issue the Letters Patent or similar legal protection to the Assignee.

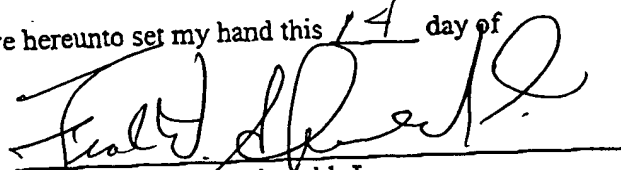
We authorize the Assignee, its successors and assigns, to insert in this instrument the filing date(s) and serial numbers of the application when ascertained. We further authorize the Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent or similar legal protection, in its own name if desired, in any and all foreign countries and appoint Assignee the common representative in the above-identified international application and any international application for the invention.

We represent to the Assignee, its successors and assigns, that we have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. We and our executors or administrators will at any time upon request, without additional consideration, but at

the expense of the Assignee, its successors and assigns, execute and deliver to Assignee or its legal representatives such additional writings and do such additional acts as the Assignee, its successors and assigns, may deem desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining, and enforcing the letters Patent or similar legal protection on the invention in any and all countries, including without limitation providing testimony in any related interference litigation or proceeding.


IN TESTIMONY WHEREOF, I have hereunto set my hand this 14 day of

Dec., 2001.

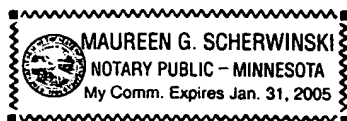
  
Frank William Schadewald, Jr.

STATE OF Minnesota  
COUNTY OF Hennepin )ss:

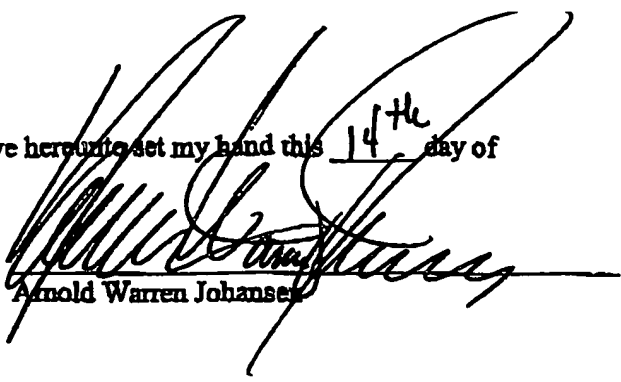
On this 14th day of December, 2001, before me personally appeared Frank W. Schadewald to me known to be the person described in, and who executed the foregoing instrument, and acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

  
Notary Public

[SEAL]



IN TESTIMONY WHEREOF, I have hereunto set my hand this 14<sup>th</sup> day of DECEMBER 2001.

  
Arnold Warren Johansen

STATE OF \_\_\_\_\_ )  
 )ss:  
COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2001, before me personally appeared \_\_\_\_\_ to me known to be the person described in, and who executed the foregoing instrument, and acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL]

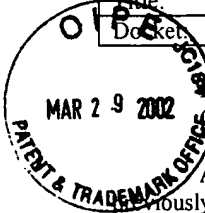
\_\_\_\_\_  
Notary Public

#3  
BA 5/2/02

## PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

|              |  |                 |    |
|--------------|--|-----------------|----|
| Inventor(s): | Frank William Schadewald, Jr. and Arnold Warren Johansen |                 |    |
| Serial No.:  | 10/021,956   | Examiner:       | -- |
| Filed:       | December 17, 2001  | Group Art Unit: | -- |
| Title:       | DISC DRIVE SHUNTING DEVICE                               |                 |    |
| Docket:      | STL 10019.00 (30874.113USU1)                             |                 |    |

POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST  
(REVOCATION OF PRIOR POWERS)

As assignee of record of the entire interest of the above identified application, all powers of attorney previously given are hereby revoked and the following practitioners/patent agents are hereby appointed to prosecute and transact all business in the Patent and Trademark Office connected therewith.

|   |   |
|---|---|
| Shawn B. Dempster, Registration No. 34,321    | Raghunath S. Minisandram, Registration No. 38,683 |
| Derek J. Berger, Registration No. 45,401      | Paul T. Dietz, Registration No. 38,858            |
| Kirk A. Cesari, Registration No. 47,479       | Carol I. Bordas, Registration No. 37,284          |
| Mitchell K. McCarthy, Registration No. 38,794 | Jennifer M. Buenzow Registration No. P-50,124     |

And members of the firm of Merchant & Gould P.C.

Albrecht, John W. Reg. No. 40,481  
 Ali, M. Jeffer Reg. No. 46,359  
 Altera, Allan G. Reg. No. 40,274  
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| Reiland, Earl D.          | Reg. No. 25,767 | Withers, James D.        | Reg. No. 40,376   |
| Samuels, Lisa A.          | Reg. No. 43,080 | Witt, Jonelle            | Reg. No. 41,980   |
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| Schuman, Mark D.          | Reg. No. 31,197 | Wu, Tong                 | Reg. No. 43,361   |
| Schumann, Michael D.      | Reg. No. 30,422 | Young, Thomas            | Reg. No. 25,796   |
| Scull, Timothy B.         | Reg. No. 42,137 | Zeuli, Anthony R.        | Reg. No. 45,255   |
| Sebald, Gregory A.        | Reg. No. 33,280 |                          |                   |

#### CHANGE OF ATTORNEY'S/AGENT'S ADDRESS IN APPLICATION

Merchant & Gould P.C.  
P.O. Box 2903  
Minneapolis, MN 55402-0903

#### STATEMENT UNDER 37 CFR 3.73(b)

Seagate Technology LLC states that it is the Assignee of Entire Interest in the patent application/patent identified above by virtue of an Assignment from the inventor(s) of the patent application/patent identified above. A copy of the Assignment is attached and/or was recorded in the Patent and Trademark Office at Reel , Frame . The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the Assignee.

Respectfully submitted,

SEAGATE TECHNOLOGY LLC  
(Assignee of Entire Interest)

Date

Jan 16, 2002

Paul T. Dietz, Reg. No. 38,858  
Patent Attorney